

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Shinichi MIHARA, et al.
SERIAL NO. : (Unassigned)
FILED : (Herewith)
FOR : ZOOM LENS, AND ELECTRONIC IMAGING SYSTEM USING
THE SAME

COMMISSIONER FOR PATENTS
P. O. Box 1450
Alexandria, Virginia 22313-1450

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97 & § 1.98**

S I R:

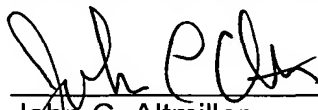
In conformance with Applicants' duty of disclosure under 37 C.F.R. § 1.56 and § 1.97(b)(1), the references listed on the attached form PTO-1449 are hereby brought to the Examiner's attention.

In accordance with the requirements of 37 C.F.R. § 1.98, copies of the references are submitted herewith.

U.S. Patent No. 5,157,550 is equivalent to JP 3-148817; U.S. Patent No. 6,088,169 is equivalent to JP 11-249016, and U.S. Patent No. 5,668,668 is equivalent to JP 8-309704.

It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear in the "references cited" on any patent to issue therefrom.

Respectfully submitted,



John C. Altmiller
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Dated: 31 July 2003

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FORM PTO-1449
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT(S)

Atty Docket No. : 12219/39
 Serial No. :
 Inventors : Shinichi MIHARA, et al.
 Filed : (Herewith)
 Group Art Unit :
 Examiner :

U.S. PATENT DOCUMENTS

<u>Examiner Initial</u>	<u>Patent Number</u>	<u>Patent Date</u>	<u>Name</u>	<u>Class/ Subclass</u>	<u>Filing Date</u>
	5,157,550	10/20/92	TSUCHIDA et al.	359/686	
	6,088,169	07/11/00	OHNO	359/682	
	5,668,668	09/16/97	SHIBAYAMA et al.	359/683	

FOREIGN PATENT DOCUMENTS

<u>Examiner Initial</u>	<u>Document Number</u>	<u>Date</u>	<u>Country</u>	<u>Class/ Subclass</u>	<u>Translation Yes No</u>
	9-211287	08/15/97	Japan		ABS.
	2000-137164	05/16/00	Japan		ABS.
	3-139607	06/13/91	Japan		ABS.
	63-292106	11/29/88	Japan		ABS.

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner
Initial

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.